

CLAIMS

1. A steam cooker, comprising:

a steam generator for generating steam;

5 a steam temperature-raising device for raising a temperature of steam coming from the steam generator;

a heating chamber provided with a ceiling steam outlet on its ceiling side, in which an object to be cooked is heated by steam supplied from the steam temperature-raising device via the ceiling steam outlet,

said steam temperature-raising device including:

a tray-shaped case having a recessed part which has a sidewall provided with a steam supply port through which steam from the steam generator enters the recessed part, the tray-shaped case being placed, with an opening of the recessed part directed downward, on the heating chamber at the ceiling steam outlet; and

a heater placed in the recess;

wherein a plurality of steam outlets for supplying steam into the heating chamber sideways are provided in both of sidewalls of the recessed part of the tray-shaped case that adjoin the sidewall provided with the steam supply port and on the opposite side of the steam supply port.

2. The steam cooker according to claim 1, wherein
the recessed part of the tray-shaped case has a
planar shape that is roughly symmetrical with respect to a
center line of steam flow entering through the steam supply
5 port, and

the heater is placed in the recessed part of the
tray-shaped case such that a planar shape of the heater is
roughly symmetrical with respect to said center line.

10 3. The steam cooker according to claim 2, wherein
a sidewall on the opposite side of the steam
supply port of the recessed part of the tray-shaped case is
inclined with respect to a plane roughly perpendicular to
said center line.

15 4. The steam cooker according to claim 1, wherein
the recessed part of the tray-shaped case has a
planar shape that is a generally pentagonal shape having
three sides forming a U-shape and two sides continuous with
20 both ends of the U-shape of the three sides and forming a
generally V-shape bent outward, and

the steam supply port is provided in a sidewall
corresponding to a central one of the three sides forming
the U-shape of the recessed part of the tray-shaped case.

5. The steam cooker according to claim 1, wherein
 the recessed part of the tray-shaped case has a
planar shape having three sides forming a U-shape and an
arc-shaped outer periphery that is continuous with both
5 ends of the U-shape of the three sides and curves outward,
and

 the steam supply port is provided in a sidewall
corresponding to a central one of the three sides forming
the U-shape of the recessed part of the tray-shaped case.

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6. The steam cooker according to claim 1, wherein
 each of corners of the recessed part of the tray-
shaped case has a curved surface so that adjacent sidewalls
are smoothly continuous with each other.